

SECTION J, ATTACHMENT 1

STATEMENT OF WORK (SOW) ATTACHMENT A

FOR THE

INTEGRATED COMMERCIAL INTRUSION DETECTION SYSTEM-IV (ICIDS-IV)

04 May 2007

1. SCOPE. This Attachment to the Statement of Work (SOW) prescribes contractor requirements for preparing equipment technical publications.

2. APPLICABLE DOCUMENTS

2.1. SPECIFICATIONS AND STANDARDS

MIL-PRF-32216	Performance Specification: Evaluation of Commercial Off-The-Shelf (COTS) Manuals and Preparation of Supplemental Data
MIL-STD-38784 (Including Notices 1&2)	Department of Defense Standard Practice for Manuals, Technical: General Style and Format Requirements

2.2. DATA ITEM DESCRIPTION.

DI-TMSS-80527B	Commercial Off-The-Shelf (COTS) Manuals and Associated Supplemental Data
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3. REQUIREMENTS FOR TECHNICAL MANUALS

3.1. The contractor shall develop the following Technical Manual (TM):

TM 5-6350-300-13&P	Operator's and Field Maintenance Manual (Including Repair Parts and Special Tools List) for Integrated Commercial Intrusion Detection System-IV (ICIDS-IV)
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This TM shall be in accordance with this Attachment (Paragraph 3.), the DD Form 1423 for DI-TMSS-80527B, and the following Military Specifications:

a. MIL-PRF-32216 Performance Specification: Evaluation of Commercial Off-The-Shelf (COTS) Manuals and Preparation of Supplemental Data tailored at Enclosure 1 of this attachment, entitled "Page Based TM Requirements Matrix for TM-5-6350-300-13&P".

b. MIL-STD-38784, Department of Defense Standard Practice for Manuals, Technical: General Style and Format Requirements.

3.2. SOURCE DATA.

3.2.1. EXISTING SOURCE DATA. In addition to other contractor developed source data, the following items will be used as source data.

TM 5-6350-275-10	Operator's Manual for the Integrated Commercial Intrusion Detection System (ICIDS-I)
TM 5-6350-275-24&P	Unit, Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List For The Integrated Commercial Intrusion Detection System (ICIDS)
Operator's User Guide	For Integrated Commercial Intrusion Detection System ICIDS-II MDI Version 6.2.X
TM 5-6350-297-12&P	Operator's and Unit Maintenance Manual (Including Repair Parts and Special Tools List) for Integrated Commercial Intrusion Detection System-III (ICIDS-III)

This data will be furnished by the Government at the Start-of-Work Meeting.

3.2.2. APPROVED EQUIPMENT CHANGES. The contractor shall incorporate coverage for all Government-approved changes/2028s made to the equipment, up to delivery of the final equipment under this contract. Information based on Engineering Change Proposals or equivalents approved for the convenience of the contractor shall be incorporated into the draft manuals by the contractor at no additional cost to the Government.

3.3. MEETINGS. The TM start-of-work meeting shall take place at the contractor's facility. The Contractor shall be prepared to discuss all TM requirements as shown in this Attachment (Paragraph 3.), the DD Form 1423, Data Item A030, for DI-TMSS-80527B. In-process reviews shall take place when approximately 30% and 70% of the TM have been developed. The Government may request additional in-process reviews as required. The contractor shall be prepared to have one or more in-process reviews in the Washington D.C. area and two at the Contractor's facility.

3.4. VALIDATION. The contractor shall validate the TM at the contractor's facilities or a Government facility. All functional features and data shall be validated as operational and correct. Contractor's validation records shall be available for Government inspection at any time. The Government reserves the right to witness the contractor validation.

3.5. VERIFICATION. The Government will verify the TM at a site to be completed at the Engineering Support Test Laboratory (ESTL) by performing 100 percent of the operating and maintenance procedures using target audience personnel. A 100 percent desk review of those portions of the publication not subject to hands-on performance, e.g., table of contents, theory, index, etc., will be conducted. All functional features of the TM will also be verified. The contractor shall provide at verification sufficient copies

of each publication to be verified; appropriate office or work space; a working copy of the equipment to be verified, including hardware and software; personnel necessary to document changes to the publications and resolve hardware and software issues; all tools and test equipment required, in accordance with the maintenance concept or MAC, to perform all procedures in each manual.

3.6. INCORPORATION OF COMMENTS. SFAE-CBD-GN-FPS is the Government publications acceptance activity for this contract. Any publications comments received by the contractor from other Government activities shall be forwarded to the above address for disposition. All comments received during and after the PVT-2 and Endurance Test, SOW paragraph 4.2.2.2. shall be included in the final delivery of the manual.

3.7. OZONE DEPLETION. Maintenance procedures shall not use any substance known to cause ozone depletion.

3.8. DELIVERY. For all technical manuals prepared under this contract, the contractor shall deliver digital files IAW DD Form 1423, Data Item A030, for DI-TMSS-80527B. The Government will require additional deliveries of the digital files during the development of the manual. The contractor shall provide the digital files, as is, for in process reviews and as requested by the Government in addition to the deliveries as called out on the DD Form 1423.

3.9. The contractor shall grant the Government unlimited rights to any and all data and products under this SOW.

3.10. STYLE AND FORMAT.

a. TRIM SIZES: Trim size for the manual as follows:

TM 5-6350-300-13&P: Shall be appropriately formatted for a vertical (portrait) finished trim size of 8-1/2 inches by 11 inches.

b. FONTS: All manuals shall be prepared using the identical type styles used in the existing manuals (regular, bold, italics, bold italics) with symbols to match. All fonts in both the delivered Microsoft Word and Adobe Acrobat PDF files must be embedded.

c. All draft deliveries of the manual shall have the words "DRAFT–NOT FOR IMPLEMENTATION" printed across the top of the cover and every page of the manual.

d. ILLUSTRATIONS:

(1) Line Drawings. Line drawings, including exploded views, locator views, and detailed views, shall be used to support the operational and maintenance

procedures and the RPSTLs. Photographs and engineering drawings will not be used unless previously approved by the Government.

(a) RPSTL Illustrations. The contractor shall prepare a separate figure for each breakdown of a repairable assembly. If an assembly is used more than once in a RPSTL, the Table of Contents shall refer to the first appearance of the illustration with the following statement, "SEE GROUP XX FOR PARTS BREAKDOWN." Existing illustrations, Government owned, or commercial illustrations, shall be used if they meet the requirements of MIL-PRF-32216 and this SOW, otherwise the contractor shall prepare new illustrations. If an existing illustration requires more than 25 percent additions and/or deletions of callouts, the callouts of that illustration shall be completely re-sequenced. For reference-designated equipment, all electronic equipment and components to include cable assemblies shall be identified by the applicable reference designator on the illustration of that particular functional group.

(b) Multi-sheet RPSTL Figures. Multi-sheet figures may be used if appropriate, however, no more than three (3) sheets will be allowed within any RPSTL figure.

(2) Contractor's illustration identification number may be used.

3.11. PACK-UP OF OPERATOR'S TMs WITH EQUIPMENT. The contractor shall pack the following with each equipment package delivered under this contract:

Two (2) paper copies of the TM
One (1) CD-ROM with Adobe Acrobat PDF files

ENCLOSURE 1

TM Content	-13&P
FRONT MATTER	R
Front cover	R
Warning summary	R
Change transmittal page	NR
List of effective pages	R
Title block page	R
Table of contents	R
How to use this manual	R
CHAPTER 1. GENERAL INFORMATION, EQUIPMENT DESCRIPTION AND THEORY OF OPERATION	R
<i>GENERAL INFORMATION</i>	R
Scope	R
Maintenance forms, records, and reports	R
Reporting equipment improvement recommendations (EIR)	R
Hand receipt (HR) manuals	
Corrosion prevention and control (CPC)	R
Ozone depleting substances (ODS)	
Destruction of Army materiel to prevent enemy use	R
Preparation for storage or shipment	R
Warranty information	
Nomenclature cross-reference list	
List of abbreviations/acronyms	R
Quality of material	
Safety, care, and handling	
Nuclear hardness	
Calibration	

TM Content	-13&P
Supporting information for repair parts, special tools, TMDE, and support equipment	
Copyright credit line	
<i>EQUIPMENT DESCRIPTION AND DATA</i>	R
Equipment characteristics, capabilities, and features	R
Location and description of major components	R
Differences between models	
Equipment data	R
<i>THEORY OF OPERATION</i>	R
CHAPTER #. OPERATOR INSTRUCTIONS	R
<i>DESCRIPTION AND USE OF OPERATOR CONTROLS AND INDICATORS</i>	R
<i>OPERATION UNDER USUAL CONDITIONS</i>	R
Security measures for electronic data	
Siting requirements	
Shelter requirements	
Assembly and preparation for use	
Initial adjustments, before use and self-test	
Operating procedures	R
Decals and instruction plates	
Operating auxiliary equipment	
Preparation for movement	
<i>OPERATION UNDER UNUSUAL CONDITIONS</i>	R
Security measures for electronic data	
Unusual environment / weather	R
Fording and swimming	

TM Content	-13&P
Interim nuclear, biological, and chemical (NBC) decontamination procedures	
Jamming and electronic countermeasures (ECM) procedures	
Degraded operation procedures	
<i>EMERGENCY</i>	
<i>STOWAGE AND DECAL / DATA PLATE GUIDE</i>	
<i>ON-VEHICLE EQUIPMENT LOADING PLAN</i>	
CHAPTER #. TROUBLESHOOTING MASTER INDEX	
<i>TROUBLESHOOTING INDEX</i>	R
CHAPTER #. TROUBLESHOOTING PROCEDURES NOTE <i>The notation (*) indicates that, if required, at least one of the these content items shall be included</i>	R
<i>TROUBLESHOOTING INDEX</i>	R
<i>*OPERATIONAL CHECKOUTS</i>	R
<i>*TROUBLESHOOTING PROCEDURES</i>	R
<i>*COMBINED OPERATIONAL CHECKOUT AND TROUBLESHOOTING PROCEDURESS</i>	
CHAPTER #. PMCS MAINTENANCE INSTRUCTIONS NOTE <i>PMCS is required as a minimum in one maintenance chapter</i>	
<i>PMCS INTRODUCTION</i>	R
<i>PMCS, INCLUDING LUBRICATION INSTRUCTIONS,</i>	R

TM Content	-13&P
CHAPTER #. MAINTENANCE INSTRUCTIONS NOTE <i>PMCS is required as a minimum in one maintenance chapter</i>	R
<i>SERVICE UPON RECEIPT</i>	R
Siting	
Shelter requirements	
Service upon receipt of materiel	R
Installation instructions	R
Preliminary servicing of equipment	
Preliminary checks and adjustment of equipment	
Preliminary calibration of equipment	
Circuit alignment	
Ammunition markings	
Classification of defects	
Ammunition handling	
Procedures to activate ammunition	
Other service upon receipt task	
Follow-on maintenance	
<i>EQUIPMENT / USER FITTING INSTRUCTIONS (PERSONAL USE EQUIPMENT)</i>	
<i>PMCS INTRODUCTION</i>	R
<i>PMCS, INCLUDING LUBRICATION INSTRUCTIOS,</i>	R
<i>MAINTENANCE</i> NOTE <i>As applicable, the following maintenance tasks shall be presented in the general order listed below:</i>	R

TM Content	-13&P
Servicing	R
Ground handling	
Inspection of installed items	R
Removal	R
Disassembly	
Cleaning	
Inspection-acceptance and rejection criteria	
Nondestructive testing inspection (NDTI)	
Repair or replacement	
Alignment	
Painting	
Lubrication	
Assembly	
Test and inspection	R
Installation	
Adjustment	
Calibration	
Radio interference suppression	
Placing in service	R
Testing	R
Preparation for storage or shipment	
Classification of defects	
Handling ammunition	
Ammunition markings	
Procedures for ammunition activation	
Additional maintenance task	
Follow-on maintenance	
<i>GENERAL MAINTENANCE</i>	
<i>LUBRICATION INSTRUCTIONS</i>	

TM Content	-13&P
<i>ILLUSTRATED LIST OF MANUFACTURED ITEMS</i>	
<i>TORQUE LIMITS</i>	
<i>WIRING DIAGRAMS</i>	
CHAPTER #. AUXILIARY EQUIPMENT MAINTENANCE INSTRUCTIONS	
<i>AUXILIARY EQUIPMENT MAINTENANCE</i>	
<i>ILLUSTRATED LIST OF MANUFACTURED ITEMS</i>	
<i>TORQUE LIMITS</i>	
<i>WIRING DIAGRAMS</i>	
CHAPTER #. AMMUNITION MAINTENANCE INSTRUCTIONS	
<i>AMMUNITION MAINTENANCE</i>	
<i>AMMUNITION MARKING INFORMATION</i>	
<i>FOREIGN AMMUNITION (NATO)</i>	
CHAPTER #. PARTS INFORMATION	R
<i>INTRODUCTION</i>	R
<i>REPAIR PARTS LIST</i>	R
<i>REPAIR PARTS FOR SPECIAL TOOLS</i>	
<i>KIT PARTS LIST</i>	
<i>BULK ITEM</i>	
<i>SPECIAL TOOLS LIST</i>	
<i>NSN INDEX</i>	R
<i>P/N INDEX</i>	R
<i>REFERENCE DESIGNATOR INDEX</i>	

TM Content	-13&P
CHAPTER #. SUPPORTING INFORMATION NOTE <i>Applicable supporting information s shall be arranged in the order in which they are presented here and numbered accordingly.</i>	R
REFERENCES	R
INTRODUCTION FOR STANDARD MAC (TWO-LEVEL MAINTENANCE ONLY)	R
MAC (TWO-LEVEL MAINTENANCE ONLY)	R
COMPONENTS OF END ITEM (COEI) AND BASIC ISSUE ITEMS (BII) LISTS	R
ADDITIONAL AUTHORIZATION LIST (AAL)	
EXPENDABLE AND DURABLE ITEMS LIST	R
TOOL IDENTIFICATION LIST	
MANDATORY REPLACEMENT PARTS	
CRITICAL SAFETY ITEMS AND FLIGHT SAFETY CRITICAL AIRCRAFT PARTS	
SUPPORT ITEMS	
ADDITIONAL SUPPORTING S	
REAR MATTER	R
Glossary	
Alphabetical index	
DA Form 2028	R
Authentication page	R
Foldout pages	
Back cover	R

Legend

R Required
P Prohibited

REMARKS FOR TABLE